IN THE CLAIMS:

Please amend claims 17 and 21. This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (Withdrawn): A method of manufacturing a printed circuit board with embedded capacitors, comprising the following steps of:

- (i) forming a ground layer copper foil on an inner layer of a printed circuit board, followed by roughening a surface of the ground layer copper foil;
- (ii) coating a polymer capacitor paste having high-dielectric constant at a predetermined thickness on the ground layer copper foil, and curing the coated polymer capacitor paste;
 - (iii) layering a power layer copper foil onto the cured capacitor;
- (iv) forming a dry film pattern on the power layer copper foil, and etching the dry film pattern by use of an etching mask so that the power layer copper foil is partitioned;
 - (v) layering an insulation layer-attached copper film onto the power layer copper foil;
- (vi) forming a blind via-hole and a through-hole at predetermined portions of the insulation layer-attached copper film; and
 - (vii) plating the blind via-hole and the through hole for layer connection.

Claim 2 (Withdrawn): The method as defined in claim 1, wherein the insulation layerattached copper film is a resin-coated copper foil. Claim 3 (Withdrawn): The method as defined in claim 2, wherein the resin-coated

copper foil is layered by a built-up process.

Claim 4 (Withdrawn): The method as defined in claim 1, wherein the surface of the

ground layer copper foil is roughened at a thickness of 1-2 µm to increase a bonding force

between the ground layer copper foil and the capacitor paste.

Claim 5 (Withdrawn): The method as defined in claim 1, wherein the surface of the

ground layer copper foil is roughened by any method selected from the group consisting of soft

etching, black oxide, brown oxide, MEC (Acid Base Chemical), ceramic buff, and Z-scrubbing.

Claim 6 (Withdrawn) The method as defined in claim 1, wherein the capacitor paste is in

a mixed composite form of BaTiO₃ ceramic powders having a high-dielectric constant of 1,000-

10,000 with a thermosetting epoxy resin or polyimide.

Claim 7 (Withdrawn): The method as defined in claim 1, wherein the capacitor paste is a

polymer ceramic composite having a dielectric constant of 80-90 by uniformly dispersing

BaTiO₃ powders comprising bimodal micropowders of 0.9 μm in diameter and 60 nm in

diameter mixed at a volume ratio of 3:1-5:1 into an epoxy resin.

Claim 8 (Withdrawn): The method as defined in claim 1, wherein the above coating step

(ii) is performed by a screen printing process or a roll coating process.

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Claim 9 (Withdrawn): The method as defined in claim 1, wherein the capacitor paste is

coated at a thickness of 8-25 µm.

Claim 10 (Withdrawn): The method as defined in claim 1, wherein a liquid phase of the

capacitor paste is semi-dried to a solid phase of B-stage at 90-110°C for 10 min in an oven.

Claim 11 (Withdrawn): The method as defined in claim 10, wherein the capacitor paste

semi-dried to the B-stage is completely dried at 150-180 °C for 30-60 min under 35 kg/cm².

Claim 12 (Withdrawn): The method as defined in claim 1, wherein the power layer

copper is partitioned so that when each constituent part to be mounted on the printed circuit

board has different operation powers, the power layer copper foil is divided into cells

corresponding to each operation power.

Claim 13 (Withdrawn): The method as defined in claim 1, wherein the blind via-hole is

formed by use of a laser drill, and the through-hole is formed using a mechanical drill.

Claim 14 (Withdrawn): The method as defined in claim 1, wherein the blind via-hole and

the through-hole are connected to the power layer copper foil and the ground layer copper foil

formed on the inner layer of the printed circuit board through electroless copper plating.

respectively.

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Claim 15 (Withdrawn): The method as defined in claim 1, further comprising the step of

connecting the power layer copper foil and the ground layer copper foil to a power pad and a

ground pad of an integrated circuit chip to be mounted on the printed circuit board, respectively.

Claim 16 (Withdrawn): The method as defined in claim 15, wherein a capacitor layer

coated with the capacitor paste functions as a decoupling capacitor paste functions as a

decoupling capacitor for the integrated circuit chip.

Claim 17 (Currently Amended): A printed circuit board with embedded capacitors,

comprising:

an inner layer of a multi-layered printed circuit board having a copper clad laminate

adhered thereon by means of an adhesive;

a ground layer copper foil having a roughened surface, formed at a top and a bottom of

the inner layer;

a polymer capacitor paste having high-dielectric constant coated at a predetermined

thickness and cured on the ground layer copper foil, wherein the polymer capacitor paste is a

polymer ceramic composite including bimodal powders;

a power layer copper foil formed on the cured capacitor paste and including a dry film

pattern that is laminated on the power layer copper foil and is etched by use of an etching mask

to partition the power layer copper foil, wherein the power layer copper foil are divided into cells

corresponding to each operation voltage;

an insulation layer-attached copper film formed on the power layer copper foil;

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a blind via-hole and a through-hole formed at predetermined portions of the insulation

layer-attached copper film; and

plated layers of the blind via-hole and the through-hole for layer connection of the printed

circuit board.

Claim 18 (Original): The printed circuit board as defined in claim 17, wherein the

insulation layer-attached copper film is a resin-coated copper foil.

Claim 19 (Original): The printed circuit board as defined in claim 17, wherein the

surface of the ground layer copper foil is roughened at a thickness of 1-2 µm to increase a

bonding force between the ground layer copper foil and the capacitor paste.

Claim 20 (Original) The printed circuit board as defined in claim 17, wherein the

capacitor paste is in a mixed composite form of BaTiO₃ ceramic powders having high-dielectric

constant of 1,000-10,000 and a thermosetting epoxy resin or polyimide.

Claim 21 (Currently Amended): The printed circuit board as defined in claim 17,

wherein the capacitor paste is [[a]] the polymer ceramic composite having a dielectric constant of

80-90 by uniformly dispersing BaTiO₃ powders comprising bimodal micropowders of 0.9 µm in

diameter and 60 nm in diameter mixed at a volume ratio of 3:1-5:1 into an epoxy resin.

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Claim 22 (Original): The printed circuit board as defined in claim 17, wherein the

capacitor paste is coated at a thickness of 8-25 µm.

Claim 23 (Withdrawn): The method as defined in claim 17, wherein a liquid phase of the

capacitor paste is semi-dried to a solid phase of B-stage at 90-100°C for 10 min in an oven.

Claim 24 (Withdrawn): The method as defined in claim 23, wherein the capacitor paste

semi-dried to the B-stage is completely dried at 150-180 °C for 30-60 min under 35 kg/cm².

Claim 25 (Withdrawn): The method as defined in claim 17, wherein the power layer

copper foil is partitioned so that when each constituent part to be mounted on the printed circuit

board has different operation powers, the power layer copper foil is divided to cells

corresponding to each operation power.